

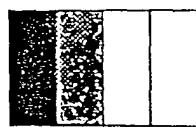
Pseudomonas aeruginosa

Table 1

| | Plate 1 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|----|
| A | -17.79 | 8.97 | 15.09 | 4.78 | 3.16 | 4.78 | 19.28 | 3.81 | -7.48 | 2.52 | -5.22 | 8.64 | |
| B | 6.39 | 17.99 | 19.93 | 11.87 | 17.67 | 11.87 | 21.86 | 12.51 | 17.03 | 14.45 | 22.51 | 12.83 | |
| C | 10.58 | 17.03 | 26.05 | 21.22 | 25.09 | 21.86 | 19.28 | 21.22 | 9.93 | 10.26 | -1.35 | 9.29 | |
| D | 14.45 | 17.35 | 27.02 | 21.22 | 22.18 | 29.60 | 22.51 | 17.67 | 19.28 | 14.77 | 13.16 | 14.45 | |
| E | 20.57 | 16.38 | 27.66 | 19.93 | 27.34 | 20.25 | 15.09 | 15.09 | 15.41 | 17.35 | 16.70 | 1.23 | |
| F | 27.66 | 25.73 | 23.47 | 24.44 | 24.76 | 25.73 | 21.86 | 17.99 | 21.54 | 22.18 | 13.48 | 12.51 | |
| G | 4.45 | 18.64 | 18.64 | 14.45 | 16.06 | 17.99 | 19.28 | 20.57 | 16.70 | 13.80 | 15.09 | -3.28 | |
| H | -9.09 | 17.67 | 20.89 | 3.16 | 20.57 | 8.97 | 20.57 | -2.32 | 11.22 | -0.71 | 4.45 | -11.02 | |

Plate 2

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| A | -16.82 | 6.06 | 8.97 | 6.06 | 12.83 | 13.16 | 13.16 | 9.29 | 10.90 | -7.48 | -5.54 | -23.92 |
| B | 6.71 | 4.13 | 21.86 | 19.61 | 30.57 | 14.12 | 27.99 | 17.03 | 18.96 | 5.10 | 9.61 | 0.26 |
| C | 6.06 | 23.80 | 30.24 | 16.06 | 15.41 | 18.32 | 26.38 | 17.35 | 26.38 | 18.32 | 16.06 | 11.87 |
| D | 17.99 | 21.54 | 23.47 | 32.32 | 32.18 | 24.76 | 23.47 | 23.80 | 21.86 | 18.64 | 14.77 | 8.00 |
| E | 17.35 | 17.99 | 23.80 | 21.54 | 25.09 | 27.02 | 22.18 | 17.67 | 19.61 | 18.96 | 3.16 | 15.09 |
| F | 12.51 | 28.95 | 32.32 | 27.02 | 29.28 | 26.05 | 24.44 | 23.80 | 23.15 | 16.70 | 10.90 | 13.16 |
| G | 14.12 | 30.24 | 29.92 | 27.02 | 24.76 | 27.99 | 18.32 | 29.28 | 27.66 | 10.26 | -1.35 | -6.51 |
| H | 11.55 | 14.12 | 12.83 | 20.57 | 22.51 | 14.77 | 8.64 | 2.84 | -9.09 | -4.25 | -11.67 | -31.01 |



Inhibition > 40%

Inhibition between 30% and 40%

Inhibition between 20% and 30%

Inhibition < 20%

Pseudomonas aeruginosa

Table 1

| | Plate 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|----|
| A | -15.21 | 2.20 | 23.47 | 8.00 | 21.22 | 16.70 | 20.25 | 8.97 | 21.86 | 16.38 | -11.02 | 5.42 | |
| B | 1.23 | -2.64 | 31.49 | 51.34 | 31.06 | 35.40 | 28.31 | 34.75 | 31.86 | 19.61 | 27.66 | 8.00 | |
| C | 9.93 | 14.45 | 51.50 | 62.18 | 24.76 | 32.82 | 36.05 | 25.09 | 29.28 | 28.95 | 20.25 | 2.84 | |
| D | 18.64 | 15.74 | 32.18 | 22.18 | 31.56 | 37.34 | 32.82 | 29.28 | 17.67 | 28.31 | 13.16 | | |
| E | 15.41 | 27.02 | 28.31 | 37.34 | | | | 31.56 | 31.34 | 28.63 | 29.28 | 21.22 | |
| F | 18.96 | 26.38 | 32.18 | 38.96 | 37.34 | 28.63 | 36.37 | 34.53 | 23.80 | 31.86 | 27.34 | 9.61 | |
| G | 13.80 | 27.02 | 29.92 | 30.24 | 32.56 | 37.33 | 31.21 | 37.34 | 27.02 | 27.02 | 18.64 | -1.03 | |
| H | 15.41 | 12.19 | 22.18 | 4.78 | 16.70 | -4.90 | -1.99 | -9.09 | -1.67 | 2.84 | -5.22 | -19.08 | |
| Plate 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| A | 16.70 | 10.58 | 22.18 | 19.28 | 14.45 | 19.61 | 21.86 | 17.99 | 11.87 | 7.35 | 7.03 | 11.87 | |
| B | 8.64 | 17.67 | 34.11 | 31.66 | 33.79 | 28.95 | 30.57 | 29.60 | 35.57 | 18.96 | 19.61 | 17.03 | |
| C | 20.25 | 25.73 | 29.60 | 31.26 | 31.41 | 34.43 | 33.79 | 18.32 | 31.53 | 19.93 | 18.64 | 18.96 | |
| D | 13.48 | 25.41 | 25.73 | 31.21 | 33.33 | 31.77 | 31.41 | 28.63 | 27.99 | 20.89 | 21.86 | 13.16 | |
| E | 22.18 | 28.95 | 32.11 | 34.43 | 31.53 | 36.69 | 32.82 | 21.22 | 26.70 | 20.57 | 9.29 | 18.64 | |
| F | 12.51 | 23.47 | 27.02 | 30.34 | 33.79 | 30.05 | 24.44 | 23.80 | 23.80 | 22.18 | 13.80 | 18.64 | |
| G | 24.76 | 26.70 | 25.41 | 23.15 | 14.77 | 26.05 | 26.05 | 30.37 | 19.28 | 15.09 | -0.06 | 8.00 | |
| H | 7.03 | 16.70 | 20.25 | 5.10 | 2.52 | -0.71 | 3.81 | 13.16 | -1.35 | -4.90 | -3.61 | -17.15 | |



Inhibition > 40%

Inhibition between 30% and 40%

Inhibition between 20% and 30%

Inhibition < 20%

Pseudomonas aeruginosa

Table 1

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|
| Plate 5 | 10.26 | 17.67 | 16.06 | 17.03 | 18.32 | 26.05 | 14.45 | 17.35 | 26.05 | 19.61 | 17.99 | 3.93 |
| A | 23.80 | 26.05 | 28.95 | 21.86 | 32.82 | 31.53 | 27.66 | 27.02 | 25.73 | 26.38 | 23.80 | 10.26 |
| B | 20.57 | 19.93 | 30.89 | 34.11 | 36.37 | 36.37 | 29.28 | 25.73 | 22.83 | 22.18 | 17.67 | |
| C | 23.15 | 28.31 | 34.43 | 33.15 | 36.47 | 37.11 | 31.21 | 24.12 | 27.34 | 24.44 | 27.66 | 20.89 |
| D | 18.32 | 19.93 | 17.67 | 18.96 | 29.92 | 34.11 | 31.21 | 28.95 | 20.89 | 14.12 | 12.19 | 16.70 |
| E | 30.57 | 19.93 | 23.47 | 28.31 | 26.38 | 33.15 | 31.86 | 21.54 | 22.83 | 20.25 | 18.64 | 16.70 |
| F | 18.64 | 12.83 | 14.45 | 17.99 | 21.22 | 19.28 | 12.19 | 12.19 | 17.03 | 8.00 | 11.22 | |
| G | 13.80 | 18.32 | 18.96 | 19.61 | -1.03 | 3.49 | 3.49 | 0.91 | 4.45 | 3.16 | -13.60 | -20.05 |
| Plate 6 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 2.84 | 15.74 | 24.12 | 15.74 | 27.02 | 14.12 | 19.61 | 14.77 | 9.29 | 12.19 | 0.26 | 9.61 |
| B | 12.51 | 19.28 | 28.31 | 30.39 | 35.40 | 22.18 | 22.18 | 22.18 | 30.89 | 25.09 | 18.96 | 13.80 |
| C | 16.06 | 29.28 | 30.89 | 31.86 | 36.37 | 28.31 | 31.36 | 27.34 | 25.09 | 17.35 | 24.44 | 8.97 |
| D | 19.28 | 23.15 | 35.72 | 36.69 | 33.79 | 28.95 | 34.11 | 23.15 | 36.15 | 17.99 | 20.89 | 22.18 |
| E | 19.93 | 32.13 | 29.28 | 35.40 | 35.40 | 24.76 | 34.33 | 27.66 | 32.23 | 19.61 | 13.80 | 12.83 |
| F | 15.41 | 25.73 | 28.31 | 37.66 | 28.63 | 27.99 | 28.63 | 28.31 | 27.99 | 21.22 | 17.03 | 8.97 |
| G | 22.18 | 26.38 | 23.15 | 26.05 | 25.73 | 27.02 | 22.83 | 18.96 | 17.03 | 18.96 | 8.00 | 5.74 |
| H | 17.03 | 22.51 | 13.16 | 21.86 | 16.06 | 22.83 | 14.12 | 8.64 | 17.03 | 7.03 | -8.44 | -25.53 |

Inhibition > 40%



Inhibition between 30% and 40%



Inhibition between 20% and 30%



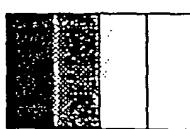
Inhibition < 20%

Pseudomonas aeruginosa

Table 1

| | Plate 7 | | | | | | | | | | | |
|---|---------|-------|-------|-------|-------|-------|-------|--------|-------|-------|--------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 16.38 | 14.77 | 19.28 | 17.99 | 21.54 | 14.77 | 12.51 | 15.09 | 13.16 | 16.06 | 8.64 | 0.91 |
| B | 11.55 | 19.61 | 32.50 | 27.34 | 21.86 | 22.83 | 19.93 | 24.12 | 22.51 | 21.22 | 17.67 | 10.90 |
| C | 9.29 | 27.34 | 29.28 | 26.70 | 18.32 | 27.34 | 22.83 | 23.47 | 21.22 | 17.35 | 19.28 | 17.67 |
| D | -0.06 | 21.86 | 29.92 | 24.76 | 14.77 | 13.80 | 24.44 | 25.41 | 18.64 | 18.32 | 11.55 | 17.03 |
| E | 9.61 | 24.76 | 28.95 | 30.21 | 20.57 | 32.82 | 22.51 | -23.27 | -4.57 | 9.61 | 19.93 | 17.35 |
| F | 3.49 | 28.31 | 26.05 | 21.86 | 19.61 | 23.80 | 18.96 | 23.80 | 16.06 | 10.58 | 23.15 | 11.55 |
| G | 12.19 | 24.12 | 17.67 | 25.41 | 24.44 | 18.64 | 22.83 | 7.03 | 19.28 | 18.32 | 3.49 | 1.55 |
| H | 10.58 | 18.64 | 10.90 | 13.48 | 14.77 | 17.03 | 8.97 | 17.03 | 10.26 | 8.97 | -12.31 | -17.47 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |

| | Plate 8 | | | | | | | | | | | |
|---|---------|-------|--------|-------|-------|--------|--------|--------|-------|-------|-------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | -0.06 | 20.89 | 22.51 | 17.35 | 21.54 | 23.47 | 21.86 | 14.45 | 10.26 | 18.96 | 15.74 | -3.61 |
| B | 13.80 | 10.90 | 28.63 | 33.47 | 19.28 | 15.74 | 15.41 | 16.06 | 14.77 | 14.45 | 6.71 | -2.64 |
| C | 6.06 | 14.77 | 22.51 | 7.03 | 4.78 | 12.19 | 4.78 | -20.05 | 15.74 | 14.77 | 8.00 | 13.48 |
| D | 15.41 | 16.38 | 9.93 | 0.26 | -5.22 | -9.73 | -4.57 | -6.51 | -1.35 | 10.26 | 9.93 | -1.03 |
| E | 0.58 | 17.99 | -16.82 | -3.93 | 0.26 | -12.63 | -15.53 | -4.90 | -2.64 | 10.58 | 10.26 | 6.71 |
| F | 20.25 | 16.38 | 22.83 | -1.35 | 7.68 | 5.74 | 14.77 | 23.15 | 20.57 | 20.89 | 11.87 | 7.68 |
| G | 9.93 | 21.22 | 15.74 | 13.48 | 16.38 | 21.86 | 19.93 | 16.06 | 22.18 | 7.03 | 12.83 | 2.52 |
| H | 10.58 | 0.91 | 12.83 | 18.32 | 17.67 | 16.70 | 15.41 | 17.35 | 0.91 | 1.55 | -2.32 | -28.43 |



Inhibition > 40%

Inhibition between 30% and 40%

Inhibition between 20% and 30%

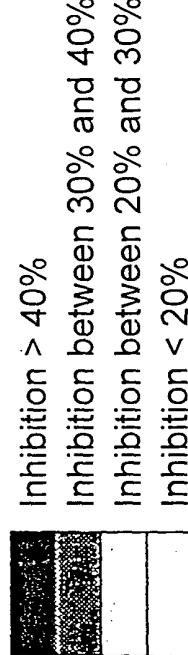
Inhibition < 20%

Pseudomonas aeruginosa

Table 1

| | Pseudomonas aeruginosa | | | | | | | | | | | |
|---|------------------------|-------|--------|--------|--------|--------|--------|--------|--------|--------|-------|--------|
| | Plate 9 | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 24.12 | 14.77 | 20.25 | 18.32 | 29.92 | 25.73 | 20.57 | 20.25 | 19.28 | -1.99 | -0.71 | -26.50 |
| B | 25.09 | 28.63 | 27.02 | 20.89 | 23.47 | 9.93 | 14.45 | 13.16 | 4.13 | 6.06 | 0.26 | -13.60 |
| C | 28.95 | 22.18 | -19.40 | -19.08 | -27.46 | -23.27 | -35.52 | -25.21 | -28.75 | -27.79 | 3.16 | -3.93 |
| D | 25.73 | 14.45 | -21.66 | -27.46 | -12.31 | -29.08 | -29.72 | -26.17 | -31.65 | -24.88 | -3.93 | -4.90 |
| E | 29.28 | 18.32 | -27.46 | -31.65 | -27.14 | -25.85 | -29.40 | -41.00 | -34.56 | -28.43 | 4.78 | 4.13 |
| F | 25.41 | 20.25 | -24.56 | -30.04 | -34.88 | -35.20 | -32.62 | -33.91 | -30.69 | -17.15 | -0.06 | -0.38 |
| G | 20.57 | 17.03 | 9.61 | 14.12 | 18.64 | 17.99 | 13.16 | 10.26 | 1.55 | 0.26 | 3.16 | -15.21 |
| H | 12.19 | 16.70 | 17.99 | 17.67 | 17.35 | 17.03 | -2.64 | 9.61 | 4.13 | 13.16 | 2.84 | -17.15 |
| | Plate 10 | | | | | | | | | | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | -10.70 | -8.44 | 4.78 | -8.76 | 8.32 | 4.45 | 0.26 | -0.71 | -6.83 | -2.64 | -8.12 | -23.92 |
| B | 6.71 | 5.42 | 10.90 | 6.71 | 6.71 | 7.68 | 12.19 | 2.52 | 5.74 | 3.16 | 4.13 | -11.99 |
| C | -4.57 | 1.23 | 10.58 | 6.06 | 12.83 | 12.83 | 15.41 | 13.48 | 6.71 | 7.03 | 5.74 | 5.74 |
| D | 6.06 | 7.03 | 14.12 | 10.58 | 13.16 | 11.87 | 15.09 | 13.48 | 16.70 | 8.64 | 7.68 | 7.68 |
| E | 12.51 | -1.67 | 20.89 | 14.77 | 5.74 | 12.51 | 13.80 | 12.51 | 11.22 | 5.74 | 16.38 | 10.26 |
| F | 11.55 | 14.45 | 19.93 | 12.51 | 15.41 | 18.64 | 16.06 | 11.22 | 14.12 | 6.39 | 18.64 | 1.87 |
| G | 4.45 | 4.13 | 15.41 | 10.58 | 9.93 | 9.61 | 9.93 | 4.78 | 6.71 | 9.29 | -1.35 | 0.91 |
| H | 8.64 | 0.26 | 4.13 | 1.55 | 2.84 | 15.74 | 11.55 | 8.00 | 3.16 | -2.32 | -3.28 | -4.57 |

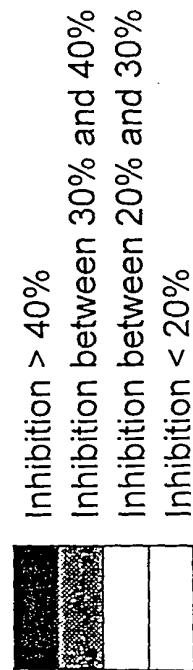
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Pseudomonas aeruginosa

Table 1

| | Plate 11 | | | Plate 12 | | |
|---|----------|-------|-------|----------|-------|--------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| A | 3.49 | -4.90 | -4.90 | -9.09 | 6.39 | -8.76 |
| B | -0.06 | 0.26 | -0.38 | -10.38 | 0.91 | -7.15 |
| C | 6.06 | -4.25 | -2.32 | -2.32 | -3.93 | -1.67 |
| D | 7.03 | -1.35 | -3.61 | -1.03 | -0.71 | -2.96 |
| E | -4.57 | 2.52 | -1.03 | -4.25 | -1.67 | -4.90 |
| F | 0.58 | -2.32 | -1.03 | -1.03 | -2.64 | -0.71 |
| G | -1.67 | 1.55 | -1.03 | -5.86 | -1.03 | -1.67 |
| H | -1.35 | -8.12 | -5.86 | -10.38 | -9.41 | -13.92 |



Staphylococcus Aureus

Table 2

| | Plate 1 | | | | | | | | | | | | | |
|---|---------|-------|--------|--------|--------|--------|--------|-------|-------|--------|--------|--------|--|--|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| A | -4.59 | -9.57 | -5.15 | -11.23 | -15.09 | -8.46 | -1.28 | -6.80 | -6.80 | -8.46 | -10.12 | -27.81 | | |
| B | 0.38 | 3.70 | 1.49 | 0.93 | 5.91 | 3.14 | 4.25 | 2.04 | 0.93 | -2.38 | -6.80 | -9.02 | | |
| C | -6.25 | 4.80 | 0.93 | -2.94 | 3.14 | 5.91 | -2.38 | -9.02 | -7.36 | -13.99 | -16.75 | | | |
| D | -2.38 | 1.49 | 0.93 | -0.17 | 6.46 | -6.80 | 2.04 | -0.17 | -3.49 | -2.38 | -1.28 | -11.78 | | |
| E | 2.04 | 5.35 | 5.35 | -3.49 | -0.73 | -1.83 | -6.25 | -1.28 | -7.91 | -5.15 | -1.83 | -12.88 | | |
| F | 0.38 | 3.70 | 0.93 | 1.49 | 7.01 | 4.25 | 0.93 | -4.04 | -3.49 | -9.57 | -2.94 | -15.09 | | |
| G | 0.93 | 1.49 | 5.35 | 3.14 | 4.80 | 4.25 | -1.83 | -1.28 | -6.80 | -6.25 | -11.23 | -19.52 | | |
| H | -10.12 | -7.36 | -11.23 | -15.09 | -10.12 | -11.78 | -12.33 | -7.91 | -8.46 | -7.91 | -13.44 | -36.65 | | |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | | |
| | Plate 2 | | | | | | | | | | | | | |
| A | -12.88 | -8.46 | 0.38 | 2.59 | 4.80 | 9.22 | 6.46 | 8.12 | 9.22 | 9.22 | 2.04 | 0.93 | | |
| B | 6.46 | 9.22 | 13.09 | 13.09 | 19.72 | 14.75 | 17.51 | 10.33 | 12.54 | 11.99 | 9.78 | 5.35 | | |
| C | 2.04 | 18.07 | 20.28 | 20.83 | 23.04 | 25.25 | 16.96 | 20.83 | 17.51 | 14.75 | 10.33 | 4.25 | | |
| D | 9.22 | 18.07 | 23.04 | 18.07 | 16.96 | 18.62 | 13.09 | 19.17 | 13.09 | 15.85 | 8.67 | 7.56 | | |
| E | 7.56 | 19.17 | 15.30 | 20.28 | 20.83 | 15.85 | 18.62 | 20.28 | 13.64 | 9.22 | 8.12 | 0.38 | | |
| F | 8.12 | 13.09 | 17.51 | 20.28 | 20.28 | 18.62 | 12.54 | 16.96 | 14.20 | 8.12 | 18.07 | 7.01 | | |
| G | 1.49 | 10.88 | 16.96 | 17.51 | 19.72 | 15.85 | 19.17 | 13.09 | 8.12 | 7.01 | 4.25 | 8.67 | | |
| H | -18.41 | -4.59 | 2.59 | 6.46 | 7.01 | -7.91 | 5.35 | 10.33 | -4.04 | -7.36 | -10.12 | | | |



Inhibition > 60%

Inhibition between 50% and 60%

Inhibition between 40% and 50%



Staphylococcus Aureus

Table 2

| | Plate 3 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|----|
| A | 25.25 | 19.17 | 30.22 | 24.70 | 31.88 | 36.30 | 29.12 | 32.44 | 24.15 | 26.91 | 24.15 | 21.93 | |
| B | 25.25 | 32.44 | 40.17 | 40.17 | 42.94 | 37.41 | 40.73 | 39.07 | 35.20 | 36.86 | 32.44 | 28.57 | |
| C | 30.78 | 39.62 | 44.59 | 44.04 | 45.15 | 47.91 | 45.15 | 43.49 | 44.59 | 44.59 | 35.75 | 32.99 | |
| D | 31.88 | 40.17 | 46.80 | 47.36 | 46.25 | 44.59 | 49.57 | 42.38 | 41.28 | 45.70 | 37.96 | 33.54 | |
| E | 29.12 | 42.94 | 43.49 | 46.25 | 44.04 | 52.33 | 53.93 | 50.67 | 46.25 | 44.59 | 40.17 | 32.99 | |
| F | 30.22 | 36.30 | 44.04 | 44.04 | 44.04 | 44.59 | 47.36 | 46.25 | 46.25 | 47.36 | 41.28 | 36.30 | |
| G | 28.01 | 38.51 | 34.65 | 39.62 | 41.28 | 44.59 | 41.83 | 44.04 | 45.70 | 39.07 | 42.38 | 32.44 | |
| H | 20.28 | 36.30 | 21.38 | 32.44 | 34.65 | 36.86 | 29.12 | 35.75 | 41.83 | 26.91 | 26.36 | 26.36 | |
| | Plate 4 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 36.30 | 34.09 | 6.46 | 35.75 | 39.07 | 34.65 | 39.62 | 31.88 | 38.51 | 31.88 | 34.09 | 31.88 | |
| B | 21.93 | 40.73 | 3.70 | 47.36 | 46.25 | 44.59 | 47.91 | 44.59 | 45.70 | 39.62 | 38.51 | 35.75 | |
| C | 32.44 | 40.17 | 19.72 | 50.12 | 51.73 | 51.73 | 53.44 | 45.70 | 49.02 | 47.36 | 42.38 | 35.75 | |
| D | 29.67 | 47.36 | 9.22 | 45.70 | 49.57 | 49.02 | 54.34 | 50.12 | 51.78 | 49.02 | 46.80 | 41.83 | |
| E | 35.75 | 44.59 | 8.12 | 32.88 | 56.44 | 53.44 | 37.86 | 49.57 | 52.33 | 45.15 | 42.94 | 39.62 | |
| F | 30.22 | 42.38 | 11.99 | 45.70 | 47.91 | 49.02 | 49.02 | 48.46 | 50.67 | 46.25 | 43.49 | 36.86 | |
| G | 30.22 | 39.62 | 41.28 | 41.28 | 42.38 | 45.70 | 44.59 | 44.59 | 45.70 | 40.73 | 36.30 | 25.25 | |
| H | 17.51 | -7.91 | 25.25 | 25.25 | 28.01 | 31.33 | 28.57 | 24.70 | 23.04 | 17.51 | 20.28 | 20.83 | |



Inhibition > 60%

Inhibition between 50% and 60%

Inhibition between 40% and 50%

Inhibition < 40%

Staphylococcus Aureus

Table 2

| | Plate 5 | | | | | | | | | | | |
|---------|---------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 42.94 | 44.04 | 40.17 | 47.36 | 43.49 | 45.70 | 34.65 | 42.38 | 36.86 | 38.51 | 34.09 | 31.33 |
| B | 38.51 | 46.25 | 47.91 | 47.36 | 48.46 | 46.80 | 49.02 | 50.12 | 49.57 | 45.70 | 40.73 | 34.65 |
| C | 45.15 | 50.12 | 49.02 | 51.73 | 53.99 | 50.21 | 53.99 | 52.88 | 51.23 | 52.63 | 42.94 | 34.09 |
| D | 35.75 | 46.25 | 52.33 | 55.63 | 50.67 | 47.91 | 50.57 | 53.59 | 51.78 | 50.12 | 44.04 | 37.96 |
| E | 44.04 | 45.15 | 51.23 | 49.57 | 54.54 | 52.93 | 55.65 | 53.44 | 54.52 | 52.12 | 44.59 | 37.41 |
| F | 45.70 | 45.70 | 47.91 | 49.02 | 51.23 | 52.83 | 47.91 | 50.67 | 50.67 | 48.46 | 42.38 | 37.41 |
| G | 37.96 | 30.22 | 42.94 | 42.38 | 45.70 | 45.15 | 45.70 | 45.70 | 41.83 | 43.49 | 35.75 | 39.62 |
| H | 33.54 | 22.49 | 34.65 | 31.88 | 34.65 | 32.99 | 31.33 | 32.44 | 33.54 | 35.20 | 31.33 | 28.01 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| Plate 6 | | | | | | | | | | | | |
| A | 42.38 | 41.83 | 44.04 | 45.70 | 46.80 | 44.59 | 50.12 | 44.04 | 41.83 | 40.17 | 43.49 | 41.28 |
| B | 42.94 | 49.02 | 52.33 | 49.57 | 51.54 | 53.59 | 52.88 | 48.46 | 53.44 | 49.02 | 47.36 | 44.59 |
| C | 40.17 | 51.23 | 53.99 | 55.65 | 58.15 | 53.99 | 51.66 | 56.51 | 53.75 | 55.03 | 49.02 | 41.83 |
| D | 44.59 | 49.02 | 52.88 | | | | 51.23 | 54.54 | 52.83 | 55.09 | 53.99 | 46.25 |
| E | 37.96 | 48.46 | 55.65 | 56.20 | 55.65 | 57.31 | | 55.09 | 53.74 | 51.23 | 48.46 | 38.51 |
| F | 37.96 | 44.04 | 46.25 | 50.67 | 49.57 | 50.67 | 50.67 | 52.33 | 54.54 | 50.67 | 48.46 | 42.94 |
| G | 31.88 | 40.17 | 41.83 | 45.15 | 48.46 | 49.57 | 46.25 | 48.46 | 51.23 | 47.36 | 42.94 | 41.28 |
| H | 31.33 | 32.99 | 33.54 | 40.17 | 39.62 | 41.83 | 36.86 | 41.83 | 36.30 | 35.20 | 42.94 | 30.22 |

Inhibition > 60%

Inhibition between 50% and 60%

Inhibition between 40% and 50%

Inhibition < 40%

Staphylococcus Aureus

Table 2

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
|---------|---|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Plate 7 | A | 40.17 | 44.04 | 42.94 | 47.36 | 49.02 | 45.70 | 44.04 | 46.80 | 41.83 | 39.07 | 41.28 | 38.51 |
| | B | 37.41 | 46.80 | 46.25 | 48.46 | 49.02 | 52.83 | 50.67 | 48.46 | 51.78 | 49.02 | 45.15 | 40.73 |
| | C | 40.73 | 48.46 | 47.91 | 52.33 | 51.23 | 53.93 | 52.83 | 55.69 | 53.99 | 51.78 | 49.57 | 31.33 |
| | D | 36.86 | 47.36 | 49.57 | 51.51 | 52.09 | 50.57 | 47.36 | 51.78 | 53.44 | 52.88 | 50.12 | 36.30 |
| | E | 39.62 | 46.25 | 46.80 | 52.52 | 51.52 | 51.52 | 51.52 | 51.75 | 51.52 | 51.23 | 46.25 | 39.62 |
| | F | 35.20 | 48.46 | 46.80 | 49.57 | 51.23 | 51.31 | 51.31 | 47.91 | 44.59 | 49.57 | 42.94 | 39.62 |
| | G | 35.20 | 39.62 | 38.51 | 44.59 | 47.91 | 45.15 | 47.36 | 39.07 | 44.59 | 46.25 | 37.41 | 32.44 |
| | H | 32.99 | 30.78 | 31.88 | 37.41 | 38.51 | 39.07 | 27.46 | 41.83 | 34.65 | 36.30 | 25.80 | 34.65 |
| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | |
| Plate 8 | A | 31.33 | 37.96 | 38.51 | 40.17 | 44.04 | 46.80 | 41.83 | 45.15 | 36.30 | 41.28 | 39.62 | 32.44 |
| | B | 40.17 | 45.70 | 42.94 | 47.91 | 46.80 | 49.02 | 43.49 | 50.12 | 45.70 | 47.36 | 39.07 | 30.22 |
| | C | 35.75 | 40.17 | 47.91 | 49.57 | 45.15 | 26.36 | 29.12 | 31.88 | 37.41 | 37.41 | 43.49 | 30.22 |
| | D | 40.73 | 44.04 | 50.67 | 11.99 | 8.12 | 4.25 | 0.38 | 5.35 | 5.91 | 7.56 | 40.17 | 35.20 |
| | E | 34.65 | 40.73 | 47.91 | 3.70 | 8.67 | -2.94 | -3.49 | 5.35 | 4.25 | 2.04 | 32.99 | 35.75 |
| | F | 37.96 | 43.49 | 41.83 | 29.67 | 21.38 | 7.01 | 10.33 | 18.07 | 5.91 | 19.17 | 35.75 | 40.17 |
| | G | 35.75 | 37.41 | 44.59 | 42.38 | 46.25 | 44.04 | 46.25 | 44.59 | 44.59 | 41.83 | 39.07 | 31.88 |
| | H | 29.67 | 32.99 | 36.86 | 32.44 | 34.09 | 37.96 | 34.65 | 32.44 | 32.99 | 28.01 | 23.59 | 38.51 |

Inhibition > 60%

Inhibition between 50% and 60%

Inhibition between 40% and 50%

Inhibition < 40%

Staphylococcus Aureus

Table 2

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|----------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| Plate 9 | | | | | | | | | | | | |
| A | 39.07 | 36.30 | 42.38 | 39.07 | 38.51 | 40.17 | 32.44 | 35.75 | 35.75 | 40.17 | 34.09 | 35.20 |
| B | 37.41 | 39.07 | 42.38 | 44.59 | 42.94 | 38.51 | 41.28 | 42.94 | 38.51 | 37.96 | 30.22 | |
| C | 35.75 | 46.25 | 43.49 | 44.04 | 47.91 | 45.70 | 46.80 | 45.70 | 43.49 | 43.49 | 41.83 | 34.09 |
| D | 35.75 | 42.94 | 49.57 | 47.36 | 52.53 | 51.73 | 48.46 | 49.02 | 47.91 | 46.25 | 41.28 | 32.99 |
| E | 32.99 | 38.51 | 46.80 | 48.46 | 51.21 | 50.52 | 51.73 | 49.57 | 51.73 | 51.73 | 39.07 | 35.20 |
| F | 33.54 | 41.28 | 42.94 | 45.15 | 45.65 | 51.23 | 51.73 | 51.23 | 45.15 | 32.99 | 39.62 | 29.67 |
| G | 31.88 | 39.62 | 41.28 | 39.07 | 42.94 | 42.94 | 36.30 | 39.62 | 35.20 | 37.96 | 32.99 | 36.30 |
| H | 32.44 | 29.67 | 27.46 | 34.09 | 31.88 | 30.78 | 31.88 | 33.54 | 31.88 | 27.46 | 26.91 | 26.36 |
| Plate 10 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
| A | 26.91 | 24.15 | 33.54 | 34.09 | 30.78 | 34.65 | 28.01 | 32.99 | 25.25 | 26.36 | 32.44 | 28.01 |
| B | 27.46 | 35.20 | 34.65 | 35.75 | 38.51 | 35.75 | 34.09 | 28.57 | 35.20 | 30.22 | 30.22 | 22.49 |
| C | 26.91 | 34.65 | 39.62 | 44.04 | 44.04 | 39.62 | 39.62 | 39.07 | 37.96 | 36.86 | 35.20 | 25.80 |
| D | 34.65 | 34.09 | 42.94 | 34.09 | 39.62 | 36.86 | 37.41 | 40.17 | 35.20 | 36.30 | 36.30 | 29.12 |
| E | 32.99 | 35.20 | 39.07 | 36.86 | 35.20 | 31.88 | 37.41 | 36.30 | 40.17 | 32.44 | 34.09 | 29.12 |
| F | 29.67 | 33.54 | 40.73 | 32.44 | 35.75 | 35.20 | 34.09 | 35.75 | 34.09 | 37.96 | 35.20 | 15.85 |
| G | 31.33 | 30.78 | 30.22 | 29.67 | 35.75 | 36.30 | 35.20 | 40.17 | 37.96 | 32.99 | 25.80 | 26.91 |
| H | 28.01 | 13.64 | 28.57 | 23.59 | 20.83 | 28.57 | 27.46 | 25.25 | 23.04 | 28.57 | 23.04 | 26.36 |



Inhibition > 60%

Inhibition between 50% and 60%

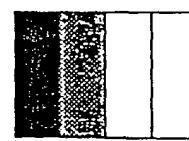
Inhibition between 40% and 50%



Staphylococcus Aureus

Table 2

| | Plate 11 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 |
|---|----------|-------|-------|-------|-------|-------|-------|---|---|---|----|----|----|
| A | 12.54 | 10.88 | 8.12 | 13.64 | 8.67 | 13.64 | 15.85 | | | | | | |
| B | 7.01 | 18.07 | 16.96 | 13.09 | 14.75 | 14.20 | 16.41 | | | | | | |
| C | 14.20 | 9.22 | 1.49 | 10.33 | 18.62 | 13.09 | 13.64 | | | | | | |
| D | 15.85 | 9.22 | 4.80 | 14.75 | 19.72 | 14.20 | 11.99 | | | | | | |
| E | 8.67 | 8.67 | 2.59 | 8.67 | 13.09 | 13.09 | 13.09 | | | | | | |
| F | 9.22 | 13.64 | 4.80 | 8.67 | 11.99 | 14.20 | | | | | | | |
| G | 4.80 | 18.62 | 8.67 | 7.01 | 13.09 | 7.01 | | | | | | | |
| H | -0.73 | 5.91 | 7.56 | 12.54 | 9.22 | 4.80 | | | | | | | |



Inhibition > 60%

Inhibition between 50% and 60%

Inhibition between 40% and 50%

Inhibition < 40%

Pseudomonas aeruginosa

Table 3

| Plate No. | Row | Column | Starting material combination | % Inhibition of Pseudomonas aeruginosa |
|-----------|-----|--------|-------------------------------|--|
| 3 | D | 8 | 2.3.4.7 | 40.88 |
| 3 | E | 6 | 1.5.8.9 | 40.56 |
| 3 | E | 5 | 1.4.9.10 | 40.24 |
| 3 | E | 7 | 1.6.9.10 | 40.24 |
| 4 | D | 6 | 3.6.7.9 | 39.27 |
| 3 | F | 4 | 1.4.6.9 | 38.95 |
| 4 | D | 5 | 3.5.6.10 | 38.63 |
| 3 | G | 6 | 1.5.9.10 | 37.98 |
| 6 | F | 4 | 2.3.4.6.10 | 37.66 |
| 3 | B | 4 | 1.4.5.9 | 37.34 |
| 3 | E | 4 | 1.4.6.8 | 37.34 |
| 3 | F | 5 | 1.5.6.7 | 37.34 |
| 3 | D | 6 | 1.5.7.10 | 37.34 |
| 3 | G | 8 | 2.3.4.10 | 37.34 |
| 5 | D | 6 | 1.2.7.8.9 | 37.01 |
| 4 | E | 6 | 3.6.7.10 | 36.69 |
| 6 | D | 4 | 2.3.4.6.8 | 36.69 |

Pseudomonas aeruginosa

Table 3

| | | | | |
|---|---|---|------------|-------|
| 3 | F | 7 | 1.7.8.9 | 36.37 |
| 5 | C | 5 | 1.2.5.8.9 | 36.37 |
| 5 | C | 6 | 1.2.6.9.10 | 36.37 |
| 5 | B | 5 | 1.4.7.10 | 36.05 |
| 3 | C | 7 | 1.6.8.9 | 36.05 |
| 3 | F | 6 | 3.6.8.9 | 36.05 |
| 4 | F | 7 | 1.3.4.5.9 | 35.72 |
| 5 | C | 7 | 1.6.8.9.10 | 35.72 |
| 6 | D | 3 | 1.6.8.9.10 | 35.40 |
| 3 | B | 6 | 1.5.7.8 | 35.40 |
| 6 | E | 4 | 2.3.4.6.9 | 35.40 |
| 6 | B | 5 | 2.3.4.8.9 | 35.40 |
| 6 | E | 5 | 2.3.5.6.7 | 34.76 |
| 3 | B | 8 | 2.3.4.5 | |
| 3 | B | 3 | 1.3.7.9 | 34.43 |
| 4 | E | 4 | 3.4.7.10 | 34.43 |
| 4 | C | 6 | 3.6.7.8 | 34.43 |
| 4 | D | 7 | 3.8.9.10 | 34.43 |
| 5 | D | 3 | 1.2.4.6.9 | 34.43 |
| 6 | E | 7 | 2.3.7.8.9 | 34.43 |

Pseudomonas aeruginosa
Table 3

| | | | | |
|---|---|---|-------------|-------|
| 6 | E | 9 | 2.4.6.7.10 | 34.43 |
| 4 | B | 3 | 3.4.5.6 | 34.11 |
| 4 | E | 3 | 3.4.5.9 | 34.11 |
| 4 | C | 5 | 3.5.6.9 | 34.11 |
| 5 | C | 4 | 1.2.4.9.10 | 34.11 |
| 5 | E | 6 | 1.2.7.8.10 | 34.11 |
| 6 | D | 7 | 2.3.6.9.10 | 34.11 |
| 4 | B | 5 | 3.5.6.8 | 33.79 |
| 4 | F | 5 | 3.5.7.9 | 33.79 |
| 4 | C | 7 | 3.7.9.10 | 33.79 |
| 6 | D | 5 | 2.3.4.9.10 | 33.79 |
| 2 | G | 2 | 3.4.6 | 33.47 |
| 8 | B | 4 | 1.3.4.5.6.7 | 33.47 |
| 5 | D | 4 | 1.2.5.6.7 | 33.15 |
| 5 | F | 6 | 1.2.7.9.10 | 33.15 |
| 6 | D | 9 | 2.4.6.7.9 | 33.15 |
| 2 | F | 3 | 3.5.8 | 32.82 |
| 2 | D | 4 | 3.6.10 | 32.82 |

Staphylococcus aureus

Table 4

| Plate No. | Row | Column | Starting material combination | % Inhibition of Staphylococcus aureus |
|-----------|-----|--------|-------------------------------|---------------------------------------|
| 7 | E | 5 | 4.5.7.8.9 | 63.39 |
| 6 | E | 7 | 2.3.7.8.9 | 62.83 |
| 7 | E | 6 | 4.7.8.9.10 | 61.17 |
| 6 | D | 5 | 2.3.4.9.10 | 60.62 |
| 5 | E | 6 | 1.2.7.8.10 | 60.62 |
| 6 | D | 4 | 2.3.4.6.8 | 60.07 |
| 7 | E | 4 | 3.6.8.9.10 | 59.52 |
| 7 | E | 9 | 1.2.3.5.6.9 | 59.52 |
| 4 | E | 6 | 3.6.7.10 | 58.41 |
| 6 | C | 7 | 2.3.6.8.10 | 57.86 |
| 4 | E | 7 | 4.5.6.7 | 57.86 |
| 7 | F | 6 | 5.6.7.8.9 | 57.31 |
| 6 | E | 6 | 2.3.5.8.10 | 57.31 |
| 7 | E | 8 | 1.2.3.4.7.8 | 56.75 |
| 6 | C | 5 | 2.3.4.8.10 | 56.75 |
| 6 | C | 8 | 2.4.5.6.9 | 56.75 |

Table 4

Staphylococcus aureus

| | | | | |
|---|---|----|--------------|-------|
| 6 | C | 9 | 2.4.6.7.8 | 56.75 |
| 6 | E | 4 | 2.3.4.6.9 | 56.20 |
| 5 | C | 6 | 1.2.6.9.10 | 56.20 |
| 9 | F | 5 | 2.5.6.7.9.10 | 55.65 |
| 7 | E | 7 | 1.2.3.4.5.7 | 55.65 |
| 6 | E | 3 | 1.7.8.9.10 | 55.65 |
| 6 | C | 4 | 2.3.4.6.7 | 55.65 |
| 6 | E | 5 | 2.3.5.6.7 | 55.65 |
| 5 | D | 4 | 1.2.5.6.7 | 55.65 |
| 5 | E | 8 | 1.3.4.8.10 | 55.65 |
| 7 | D | 5 | 4.5.6.9.10 | 55.09 |
| 7 | C | 8 | 1.2.3.4.6.9 | 55.09 |
| 6 | C | 6 | 2.3.5.7.10 | 55.09 |
| 6 | E | 8 | 2.4.5.7.8 | 55.09 |
| 6 | D | 9 | 2.4.6.7.9 | 55.09 |
| 6 | C | 10 | 2.4.7.9.10 | 55.09 |
| 7 | D | 4 | 3.6.7.9.10 | 54.54 |
| 6 | B | 5 | 2.3.4.8.9 | 54.54 |
| 6 | D | 7 | 2.3.6.9.10 | 54.54 |
| 6 | F | 9 | 2.4.6.8.9 | 54.54 |

Table 4
Staphylococcus aureus

| | | | | |
|---|---|----|-------------|-------|
| 5 | E | 5 | 1.2.5.9.10 | 54.54 |
| 4 | D | 7 | 3.8.9.10 | 54.54 |
| 7 | C | 6 | 4.6.7.9.10 | 53.99 |
| 7 | C | 9 | 1.2.3.5.6.7 | 53.99 |
| 6 | C | 3 | 1.6.7.9.10 | 53.99 |
| 6 | B | 6 | 2.3.5.7.9 | 53.99 |
| 6 | D | 10 | 2.4.8.9.10 | 53.99 |
| 5 | C | 5 | 1.2.5.8.9 | 53.99 |
| 5 | C | 7 | 1.3.4.5.9 | 53.99 |
| 5 | D | 8 | 1.3.4.8.9 | 53.99 |
| 3 | E | 7 | 1.6.9.10 | 53.99 |
| 7 | D | 9 | 1.2.3.5.6.8 | 53.44 |
| 6 | B | 9 | 2.4.5.9.10 | 53.44 |
| 6 | E | 9 | 2.4.6.7.10 | 53.44 |
| 5 | E | 9 | 1.3.5.7.10 | 53.44 |
| 4 | E | 5 | 3.5.7.8 | 53.44 |
| 4 | C | 7 | 3.7.9.10 | 53.44 |
| 7 | B | 6 | 4.6.7.8.10 | 52.88 |
| 7 | C | 7 | 6.7.8.9.10 | 52.88 |